

*THE*  
**Journal of Parasitology**

*A QUARTERLY DEVOTED TO MEDICAL ZOOLOGY*

**EDITORIAL BOARD**

FRANKLIN D. BARKER  
*The University of Nebraska*

CHARLES F. CRAIG  
*Medical Corps, U. S. Army*

WILLIAM B. HERMS  
*The University of California*

BRAYTON H. RANSOM  
*U. S. Bureau of Animal Industry*

WILLIAM A. RILEY  
*The University of Minnesota*

ALLEN J. SMITH  
*The University of Pennsylvania*

JOHN W. SCOTT  
*The University of Wyoming*

CHARLES W. STILES  
*U. S. Public Health Service*

RICHARD P. STRONG  
*Harvard University*

JOHN L. TODD  
*McGill University*

ROBERT T. YOUNG  
*The University of North Dakota*

**VOLUME 5**  
**1919**

Managing Editor  
**HENRY B. WARD**  
*The University of Illinois*  
URBANA

## FOREIGN COLLABORATORS

---

B. BLACKLOCK	-	School of Tropical Med., Univ. of Liverpool, England
†RAPHAEL BLANCHARD	- - -	College of Medicine Paris, France
ANTON BREINL	-	Australian Institute of Tropical Medicine, N. Queensland
J. BURTON CLELAND	- -	Bureau of Microbiology, Sydney, Australia
H. B. FANTHAM	- - -	School of Tropical Medicine, Liverpool
O. FUHRMANN	- . - -	University of Neuchatel, Switzerland
B. GALLI-VALERIO	-	Laboratory of Parasitology, Lausanne, Switzerland
L. GEDOELST	- - -	State Veterinary School, Brussels, Belgium
L. A. VON JÄGERSKIÖLD	- -	Zoological Museum, Goteborg, Sweden
T. HARVEY JOHNSTON	- - -	University of Queensland, Australia
MARIE V. LEBOUR	- - - -	University of Leeds, England
R. T. LEIPER	- - - -	School of Tropical Medicine, London
P. S. DE MAGALHAES	- -	Medical Faculty, Rio de Janeiro, Brazil
WILLIAM NICOLL	-	Australian Institute of Tropical Medicine, N. Queensland
T. ODHNER	- - - -	Zoological Museum, Christiania, Norway
E. PERRONCITO	- - - - -	University of Turin, Italy
A. RAILLIET	- - - -	National Veterinary School, Paris, France
A. E. SHIPLEY	- - - -	Christ's College, Cambridge, England
T. SOUTHWELL	- - - -	Director of Fisheries, Calcutta, India
GEORGINA SWEET	- - - -	University of Melbourne, Australia
S. O. YOSHIDA	- - - - -	Osaka Medical Academy, Japan
F. ZSCHOKKE	- - - -	Zoological Institute, Basel, Switzerland

---

† Died, February 7, 1919.

# CONTENTS OF VOLUME V

## SEPTEMBER, 1918. NUMBER 1

	PAGE
STUDIES ON THE IGUANA TICK, <i>Amblyomma dissimile</i> , IN PANAMA. LAWRENCE H. DUNN.....	1
CONTRIBUTIONS TO THE STUDY OF PARASITIC PROTOZOA. IV. NOTE ON SOME MYXOSPORIDIA FROM CERTAIN FISH IN THE VICINITY OF WOODS HOLE. ROKUSABURO KUDO .....	11
(With plates I and II)	
ACANTHOCEPHALA OF THE SUBFAMILY RHADINORHYNCHIDAE FROM AMERICAN FISH. H. J. VAN CLEAVE.....	17
(With plate III)	
NOTES ON TWO SPECIES OF NEMATODES [ <i>Gongylonema ingluvicola</i> RANSOM, 1904, AND <i>Capillaria strumosa</i> (REIBISCH, 1893)] PARASITIC IN THE CROP OF CHICKENS. LAWRENCE D. WHARTON.....	25
(With two text figures)	
TWO NEW NEMATODES COMMON IN SOME FISHES OF CAYUGA LAKE. MEYER WIGDOR .....	29
(With two text figures)	
THE DEVELOPMENT OF GREGARINES AND THEIR RELATION TO THE HOST TISSUES: (II) IN <i>Cephaloidophora delphinia</i> (WATSON). MINNIE WATSON KAMM .....	35
(With plate IV)	
ON THE LIFE CYCLE OF THE FOWL CESTODE, <i>Davainea cesticillus</i> (MOLIN). JAMES E. ACKERT.....	41
(With plate V)	
REVIEWS AND NOTES.....	44

## DECEMBER, 1918. NUMBER 2

NOTES AND EXPERIMENTS ON <i>Sarcocystis tenella</i> RAILLIET. JOHN W. SCOTT..	45
THE EFFECT OF LAUNDERING UPON LICE ( <i>Pediculus corporis</i> ) AND THEIR EGGS. WILLIAM MOORE.....	61
THE ANATOMY OF <i>Tetracotyle iturbei</i> FAUST, WITH A SYNOPSIS OF DESCRIBED TETRACOTYLIFORM LARVAE. ERNEST CARROLL FAUST.....	69
(With plate VI)	
CONTRIBUCIÓN AL ESTUDIO DE LA PARASITOLOGIA EN VENEZUELA. ESTUDIO Y CLASIFICACIÓN DE UN DISTOMA. J. M. ROMERO SIERRA.....	80
FLIES OF THE GENUS <i>DROSOPHILA</i> AS POSSIBLE DISEASE CARRIERS. A. H. STURTEVANT .....	84
A NEW CERCARIAEUM FROM NORTH AMERICA. WILLIAM W. CORT.....	86
(With plate VII)	
REVIEWS AND NOTES.....	92



## MARCH, 1919. NUMBER 3

	PAGE
RECENT DISCOVERIES CONCERNING THE LIFE HISTORY OF <i>Ascaris lumbricoides</i> . BRAYTON H. RANSOM AND WINTHROP D. FOSTER.....	93
OBSERVATIONS ON AND EXPERIMENTS WITH <i>Cuterebra tenebrosa</i> COQUILLET. R. R. PARKER AND R. W. WELLS.....	100
(With plate VIII)	
ON THE DEVELOPMENT OF <i>Ascaris lumbricoides</i> L. SADA O YOSHIDA.....	105
(With plate VIIa)	
ON A SPECIES OF HEDRURIS OCCURRING COMMONLY IN THE WESTERN NEWT, <i>Notophthalmus torosus</i> . ASA C. CHANDLER.....	116
(With plate IX)	
OBSERVATIONS ON <i>Microphallus ovatus</i> SP. NOV. FROM THE CRAYFISH AND BLACK BASS OF LAKE CHAUTAUQUA, N. Y. HENRY L. OSBORN.....	123
(With plate X)	
A NEW CYSTOCERCOUS CERCARIA. HENRY S. PRATT.....	128
(With two text figures)	
OBSERVATIONS UPON <i>Trichomonas intestinalis</i> IN VITRO. MARK F. BOYD....	132
(With plate XI)	
A CASE OF <i>Balantidium coli</i> DYSENTERY. C. W. MASON.....	137
NEW HUMAN PARASITES.....	139
REVIEW AND NOTES.....	140

## JUNE, 1919. NUMBER 4

<i>Fasciolopsis buski</i> , A PARASITE OF MAN AS SEEN IN SHAOHING, CHINA. F. W. GODDARD.....	141
(With plates XII-XVII, seven graphs and two tables)	
NOTES ON SOUTH AFRICAN CERCARIAE. ERNEST CARROLL FAUST.....	164
(With plate XVIII)	
<i>Tetradonema plicans</i> nov. gen. et Spec., REPRESENTING A NEW FAMILY TETRADONEMATIDAE FOUND PARASITIC IN LARVAE OF THE MIDGE-INSECT <i>Sciara coprophila</i> , LINTNER. N. A. COBB.....	176
(With eight text figures)	
BIOLOGICAL NOTES ON <i>Tetradonema plicans</i> , COBB, A NEMATODE PARASITE OF <i>Sciara coprophila</i> LINTNER. H. B. HUNGERFORD.....	186
(With plate XIX and three text figures)	
THE LONGEVITY OF THE FISH TAPEWORM OF MAN, <i>Dibothriocephalus latus</i> . WILLIAM A. RILEY.....	193
WINTHROP DAVENPORT FOSTER (OBITUARY).....	195
NEW HUMAN PARASITES.....	196
NOTES .....	196
INDEX TO VOLUME 5.....	197